

New Jersey Institute of Technology  
**Digital Commons @ NJIT**

---

Physics Syllabi

NJIT Syllabi

---

Spring 2020

## PHYS 203-102: The Earth in Space (Revised for Remote Learning)

George Georgiou

Follow this and additional works at: <https://digitalcommons.njit.edu/phys-syllabi>

---

### Recommended Citation

Georgiou, George, "PHYS 203-102: The Earth in Space (Revised for Remote Learning)" (2020). *Physics Syllabi*. 196.

<https://digitalcommons.njit.edu/phys-syllabi/196>

This Syllabus is brought to you for free and open access by the NJIT Syllabi at Digital Commons @ NJIT. It has been accepted for inclusion in Physics Syllabi by an authorized administrator of Digital Commons @ NJIT. For more information, please contact [digitalcommons@njit.edu](mailto:digitalcommons@njit.edu).

The Earth in Space  
Physics 203 Section 102  
Spring 2020

Tuesdays, 6-8:50 p.m. KUPF 207 –

**NJIT is cancelling face-to face classes for the remainder of the Spring semester**  
**All classes are online. We will use WEBEX (details at IST.NJIT.EDU/WEBEX/)**  
**Slides will be sent by email before class Tuesdays 6PM. I will send out a conference email before class.**  
**Exams will probably be sponsored by PROCTORU.**

### Instructor

George E. Georgiou, Ph.D.  
973-596-5690  
[george.e.georgiou@njit.edu](mailto:george.e.georgiou@njit.edu)

Office Hours: Send email

### Textbook

David McConnell and David Steer. *The Good Earth: Introduction to Earth Science*, Fourth Edition. McGraw-Hill Education, United States of America, 2018. (or any earlier edition)

### Grade

Your numerical final grade will be based upon **four examinations (17% each) and one Final Examination (32%)**. The examinations will be administered on the following dates.

First Examination	Tuesday, February 04, 2020
Second Examination	Tuesday February 25, 2020
Oceans exam	CANCELLED (100% for all)
Atmosphere / Weather/Climate Exam	Tuesday, April 28, 2020
Final Examination	Tuesday, May 12, 2020

If you miss an examination, you will receive a grade of zero that will be calculated into your final grade. There are no make-up examinations (except for illness or work). The following table will determine your letter final grade.

80% to 100%	A
75% to 80%	B+
70% to 74%	B
60% to 69%	C+
50% to 59%	C
40% to 49%	D
0% to 39%	F

The examination grades will not be curved. Examinations will consist of multiple-choice and/or true-false questions, all of which will come directly from topics discussed in class and/or topics discussed in the textbook. Each examination, including the Final Examination, will be closed book and closed notes. No formula sheet or cheat sheet will be provided, nor will either be permitted for any of the examinations.

The Earth in Space (Phys 203) and The Earth in Space Laboratory (Phys 203A) are two separate courses for which you will receive two separate and independently-determined grades. Moreover, you are free to be registered for either one of these courses without being registered for the other course. If you are registered for both courses, withdrawal from one course does not mean you must withdraw from the other course.

## Academic Integrity

All students who are disruptive in the classroom are in violation of the Academic Honor Code. All such students will be dismissed from the classroom and will be reported to the Dean of Student Services.

All students who cheat during an examination are in violation of the Academic Honor Code. All such students will automatically fail the course and will be reported to the Dean of Student Services so that further action may be taken. Examples of cheating during an examination include, but are not limited to, talking with another student, copying work from another student's examination, allowing another student to copy work from your own examination, or use of any materials besides the examination paper and a writing utensil.

## Course Schedule

Tuesday,	January 21, 2020	introduction to Earth Science (Chapter One)
Tuesday,	January 28, 2020	physical geography, cartography, and topography review of physics and chemistry (Chapter Seven)
Tuesday,	February 04, 2020	First Examination mineralogy (Chapter Seven) petrology (Chapter Seven)
Tuesday,	February 11, 2020	structure and composition of the geosphere (Chapter Two) the theory of plate tectonics (Chapter Four) orology (Chapter Six)
Tuesday,	February 18, 2020	seismology (Chapter Five) vulcanology (Chapter Six) paleogeology (Chapter Eight)
Tuesday,	February 25, 2020	Second Examination introduction to the ocean (Chapter Thirteen)
Tuesday,	March 03, 2020	geological oceanography (Chapter Thirteen) chemical oceanography (Chapter Thirteen) biological oceanography (Chapter Thirteen)
Tuesday,	March 10, 2020	physical oceanography: ocean currents (Chapter Thirteen) physical oceanography: ocean waves (Chapter Thirteen) coasts and shores (Chapter Thirteen)
Tuesday,	March 17, 2020	spring break (no classes)
Tuesday,	March 24, 2020	NO CLASS
Tuesday,	March 31, 2020	ATMOSPHERE (ch 14)
Tuesday,	April 07, 2020	ATMOSPHERE (Ch 14) WEATHER (Ch.15)
Friday,	April 10, 2020	Good Friday (no classes)
Tuesday,	April 14, 2020	OCEANS Exam CLIMATE (Ch.16)
Tuesday,	April 21, 2020	GLOBAL WARMING (Ch. 17)
Tuesday,	April 28, 2020	REVIEW, ATMAOSPHERE/WEATHER/CLIMATE EXAM
Tuesday,	May 05, 2020	NO CLASS -- NJIT follows a Friday schedule
Wednesday,	May 06, 2020	reading day
Thursday,	May 07, 2020	reading day
Tuesday,	May 12, 20	Final Examination